



IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Docket No. 2336)

In re Application of:

David Welch

Serial No. 10/622,438

Filed: July 18, 2003

For: Method and System for Buffering
Media to Reduce Apparent Latency in
Initiating a Packet-Based Real-Time
Media Session

Group Art Unit: 2681

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

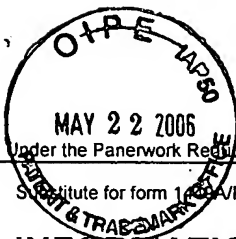
Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:
 - A. Information Disclosure Statement
 - B. Copies of Cited References; and
 - C. Return Receipt Postcard.
2. With respect to additional fees, no additional fee is required.
3. Please charge any additional fees or credit overpayment to Deposit Account No. 210765. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned also hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this 18th day of May, 2006.

By: 

Lawrence H. Aaronson
Reg. No. 35,818



Substitute for form 1, PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 7

Complete if Known

Application Number	10/622,438
Filing Date	July 18, 2003
First Named Inventor	David Welch
Art Unit	2681
Examiner Name	
Attorney Docket Number	2336

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	us- 6,668,167	12-23-2003	McDowell et al.	
	2	us- 6,564,049	05-13-2003	Dailey	
	3	us- 6,526,377	02-25-2003	Bubb	
	4	us- 6,490,452	12-03-2002	Boscovic et al.	
	5	us- 6,477,150	11-05-2002	Maggenti et al.	
	6	us- 6,381,467	04-30-2002	Hill et al.	
	7	us- 6,178,323	01-23-2001	Nagata	
	8	us- 6,119,017	09-12-2000	Cassidy et al.	
	9	us- 6,041,241	03-21-2000	Willey	
	10	us- 6,032,051	02-29-2000	Hall et al.	
	11	us- 6,014,556	01-11-2000	Bhatia et al.	
	12	us- 5,983,099	11-09-1999	Yao et al.	
	13	us- 5,936,964	08-10-1999	Valko et al.	
	14	us- 5,884,196	03-16-1999	Lekven et al.	
	15	us- 5,850,611	12-15-1998	Krebs	
	16	us- 5,818,836	10-06-1998	DuVal	
	17	us- 5,710,591	01-20-1998	Bruno et al.	
	18	us- 5,568,511	10-22-1996	Lampe	
	19	us- 5,442,809	08-15-1995	Diaz et al.	
	20	us- 4,870,408	09-26-1989	Zdunek et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
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		Number-Kind Code ² (if known)			
	21	us- 2004/0014456	01-22-2004	Vaananen	
	22	us- 2003/0125062	07-03-2003	Bethards et al.	
	23	us- 2003/0119540	06-26-2003	Mathis	
	24	us- 2003/0114174	06-19-2003	Walsh et al.	
	25	us- 2003/0114156	06-19-2003	Kinnavy	
	26	us- 2003/0100326	05-29-2003	Grube et al.	
	27	us- 2003/0083045	05-01-2003	Blight et al.	
	28	us- 2003/0032448	02-13-2003	Bulthuis et al.	
	29	us- 2003/0021264	01-30-2003	Zhakov et al.	
	30	us- 2003/0008657	01-09-2003	Rosen et al.	
	31	us- 2002/0198008	12-26-2002	Smith et al.	
	32	us- 2002/0191583 A1	12-19-2002	Harris et al.	
	33	us- 2002/0177461	11-28-2002	Rosen et al.	
	34	us- 2002/0173327	11-21-2002	Rosen et al.	
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	36	us- 2002/0173325	11-21-2002	Rosen et al.	
	37	us- 2002/0173308	11-21-2002	Dorenbosch et al.	
	38	us- 2002/0172169	11-21-2002	Rosen et al.	
	39	us- 2002/0172165	11-21-2002	Rosen et al.	
	40	us- 2002/0147818	10-10-2002	Wengrovitz	
	41	us- 2002/0145990	10-10-2002	Sayeedi	

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First Named Inventor	David Welch
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Art Unit	2681
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U. S. PATENT DOCUMENTS

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		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
	46	EP 0 817 457	01-07-1998			
	47	EP 0 984 608	03-08-2000			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/622,438
		Filing Date	July 18, 2003
		First Named Inventor	David Welch
		Art Unit	2681
		Examiner Name	
Sheet 4	of 7	Attorney Docket Number	2336

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	48	3 rd Generation Partnership Project 2 (2002), <i>Fast Call Set-Up</i> , 1-6.	
	49	Douskalis, (2000) <i>IP Telephony: The Integration of Robust VoIP Services</i> , 36-69.	
	50	Mobile Tornado, http://www.mobiletornado.com/products_iprsptt.html , printed from the World Wide Web on 1/27/2003.	
	51	Qualcomm Chats Up "Push-to-Talk," http://siliconvalley.internet.com/news/print.php/953261 , printed from the World Wide Web on 1/27/2003.	
	52	U.S. Patent Application Serial No. 10/277465, filed October 22, 2002 entitled "Method for Call Setup Using Short Data Bursts" (Sprint Docket No. 1999).	
	53	International Search Report from International Application No. PCT/US03/03021, dated 18 June 2003.	
	54	International Search Report from International Application No. PCT/US02/31411, dated 4 March 2003.	
	55	International Search Report from International Application No. PCT/US02/29575, dated 10 December 2002.	
	56	International Search Report from International Application No. PCT/US02/36055, dated 10 April 2003.	

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First Named Inventor David Welch

Art Unit 2681

Examiner Name

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of

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Attorney Docket Number 2336

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	57	Schulzrinne and Rosenberg, "SIP Caller Preferences and Callee Capabilities," Internet Engineering Task Force, Internet Draft, October 22, 1999.	
	58	Vakil et al., "Host Mobility Management Protocol Extending SIP to 3G-IP Networks," Internet Engineering Task Force, Internet Draft, October 1999.	
	59	Campbell and Sparks, "Control of Service Context Using SIP Request – URI," Network Working Group, April 2001.	
	60	Ericsson, www.telecomcorridor.com/wireless%20horizons/1Coyne.pdf, printed from the World Wide Web on 6/27/01.	
	61	Dirk Kutscher/Jorg Ott, "The Message Bus – A Communication & Integration Infrastructure for Component-Based Systems," White Paper, January 2000.	
	62	Ott et al., "A Message Bus for Local Coordination," Network Working Group, Internet-Draft, May 30, 2001.	
	63	TR45, Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum System, IS-2000-3, July 12, 1999.	
	64	3 rd Generation Partnership Project 2 '3GPP2', "Interoperability Specification (IOS) for CDMA 2000 Access Network Interfaces – Part 3 Features," November 2001.	
	65	Perkins, "IP Mobility Support," Internet Engineering Task Force Request for Comment 2002, October 1996.	
	66	Perkins, "IP Encapsulation within IP," Internet Engineering Task Force Request for Comments 2003, October 1996.	
	67	Perkins, "Minimal Encapsulation within IP," Internet Engineering Task Force Request for Comments 2004, October 1996.	
	68	Solomon, "Applicability Statement for IP Mobility Support," Internet Engineering Task Force Request for Comments 2005, October 1996.	

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First Named Inventor David Welch

Art Unit 2681

Examiner Name

Sheet 6

of 7

Attorney Docket Number 2336

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	69	Handley et al., "SDP: Session Description Protocol," Internet Engineering Task Force Request for Comment 2327, April 1998.	
	70	Handley et al., "SIP: Session Initiation Protocol," Internet Engineering Task Force Request for Comment 2543, March 1999.	
	71	Fielding et al., "Hypertext Transfer Protocol - HTTP/1.1," Internet Engineering Task Force Request for Comment 2616, June 1999.	
	72	Rigney et al., "Remote Authentication Dial in User Service (RADIUS)," Internet Engineering Task Force Request for Comment 2865, June 2000.	
	73	Rigney, "RADIUS Accounting," Internet Engineering Task Force Request for Comment 2866, June 2000.	
	74	OMA, "Discussion and definitions on PoC Floor Control, Input Contribution, Doc #OMA-REQ-2003-0375-PoC_Floor_Control, June 2, 2003.	
	75	OMA, "PoC Use case: Mobile - PC Example," Input Contribution, Doc #OMA-REQ-2003-0323 PoC Mobile-PC use case, May 5, 2003.	
	76	OMA, "PoC Use case: Multimedia Group Call Example," Input Contribution, Doc #OMA-REQ-2003-0306-PoC UseCase-group-multimedia-scenario, May 6, 2003.	
	77	OMA, "PoC Use case: Examples of User Requirements," Input Contribution, Doc #OMA-REQ-2003-0305-PoC Use Case, May 6, 2003.	
	78	OMA, "Inputs for PoC Requirements Document," Input Contribution, Doc #OMA-REQ-2003-0367-PoC_Input_Motorola, May 29, 2003.	
	79	OMA, "Push to Talk over Cellular (PoC)," Version: 0.1.6, May 12, 2003.	
	80	International Search Report from International Application No. PCT/US03/02950, dated 06 November 2003.	

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